

**Notice of Allowability**

Application No.

09/931,965

Examiner

Wei Y. Zhen

Applicant(s)

HEDIGER ET AL.

Art Unit

2191

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to appeal brief filed on 10/21/2004.
2. ☒ The allowed claim(s) is/are 1-13, 15, 16 and 18-23.
3. ☒ The drawings filed on 17 August 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Art Unit: 2191

1. This office action is in response to the appeal brief filed on 10/21/2004.
2. Claims 1-13, 15-16, 18-23 are allowed.

### EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Alexander Burke, Reg. No. 40,425 on 6/16/2005. The amendment was made to clarify the allowable subject matter.

The application has been amended as follows:

In the claims:

Please cancel claims 14 and 17.

Please amend claims 1, 16, 20, 21 and 23 as followed:

1. (Currently amended) A data processor implemented method for automated generation of installation instructions for an executable software application, comprising:
  - a. retrieving template installation instruction information from a persistent data store;
  - b. deriving installation related information supporting data exchange between different systems from configuration data associated with the application;

Art Unit: 2191

- c. incorporating the derived installation related information into the template installation information to form installation instruction data; and
- d. storing the derived installation instruction data; wherein said executable software application is an interface application enabling communication and data exchange between said different systems, and said different systems comprise executable applications to be enabled to communicate using installation data extracted from the configuration data, including at least one of, (a) a communication protocol identifier and (b) communication settings for at least one of said different systems.

16. (Currently amended) A data processor implemented method for automated generation of installation instructions for an executable software application, comprising:

- a. retrieving template installation instruction information from a data store, the installation instruction information including prompt questions for answer by a user upon installation of the application;
- b. deriving installation related information supporting data exchange between different systems from configuration data associated with the application;
- c. incorporating the derived installation related information into the template installation information to form installation instruction data; and
- d. presenting the installation instruction data to a user during an installation of the application; wherein said executable software application is an interface application enabling communication and data exchange between said different systems, and said different systems comprise executable applications to be enabled to

Art Unit: 2191

communicate using installation data extracted from the configuration data, including at least one of, (a) a communication protocol identifier and (b) communication settings for at least one of said different systems.

20. (Currently amended) A user interface method performed by a data processor supporting installation of an executable software application, comprising:

a. initiating display of application installation instructions including prompt questions for answer by a user upon installation of the application, the application installation instructions being formed by:

- i. retrieving template installation instruction information from storage,
- ii. deriving installation related information supporting data exchange between different systems from configuration data associated with the application, and
- iii. incorporating the derived installation related information into the template installation information to form the application installation instructions; and

b. installing the executable software application in response to user command received via the displayed prompt questions; wherein said executable software application is an interface application enabling communication and data exchange between said different systems, and said different systems comprise executable applications to be enabled to communicate using installation data extracted from the configuration data, including at least one of, (a) a communication protocol identifier and (b) communication settings for at

Art Unit: 2191

least one of said different systems.

21. (Currently amended) A user interface method performed by a data processor supporting automated generation of installation instruction documentation for an executable software application, comprising:

- a. initiating display of application installation instructions formed by:
  - i. retrieving template installation instruction information from storage, the installation instruction information including prompt questions for answer by a user upon installation of the application,
  - ii. deriving installation related information supporting data exchange between different systems from configuration data associated with the application, and
  - iii. incorporating the derived installation related information into the template installation information to form the application installation instructions; and
- b. initiating display of the prompt questions for answer by a user upon installation of the application; wherein said executable software application is an interface application enabling communication and data exchange between said different systems, and said different systems comprise executable applications to be enabled to communicate using installation data extracted from the configuration data, including at least one of, (a) a communication protocol identifier and (b) communication settings for at least one of said different systems.

Art Unit: 2191

23. (Currently amended) A system for automated generation of installation

instructions for an executable software application, comprising:

- a. configuration data for a software interface;
- b. a template, comprising documentation and data fields to receive one or more configuration data elements;
- c. a computer system comprising a memory and a processor; and

software executable in the computer system for creating a data file containing installation data supporting data exchange between different systems derived from configuration data and incorporated into the template, the installation data comprising documentation of an installation process for the software interface; wherein said executable software application is an interface application enabling communication and data exchange between said different systems, and said different systems comprise executable applications to be enabled to communicate using installation data extracted from the configuration data, including at least one of, (a) a communication protocol identifier and (b) communication settings for at least one of said different systems.

#### ***Reasons for Allowance***

4. The following is an examiner's statement of reasons for allowance: the cited prior arts taken alone or in combination fail to disclose, in combination with other claimed limitations, deriving installation related information supporting data exchange between different systems from configuration data associated with the application; incorporating the derived installation related information into the template installation information to form

Art Unit: 2191

installation instruction data; and storing the derived installation instruction data; said executable software application is an interface application enabling communication and data exchange between said different systems, and said different systems comprise executable applications to be enabled to communicate using installation data extracted from the configuration data, including at least one of, (a) a communication protocol identifier and (b) communication settings for at least one of said different systems **substantially as recited in independent claims 1, 16, 20, 21 and 23.**

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

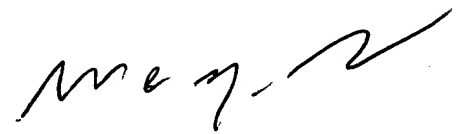
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wei Y. Zhen whose telephone number is (571) 272-3708. The examiner can normally be reached on Monday-Friday, 8 a.m. - 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2191

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wei Zhen  
6/22/2005



**WEI Y. ZHEN  
PRIMARY EXAMINER**